

**APPENDIX DSL
(Including Line Sharing or HFPL)**

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APPENDIX DSL
Digital Subscriber Line (DSL) Capable Loops

1. INTRODUCTION

- 1.1 This Appendix sets forth terms and conditions for providing DSL and the High Frequency Portion of the Loop (HFPL) by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and Competitive Local Exchange Carrier (CLEC).
- 1.2 Definitions of terms used in this Appendix are contained in the General Terms and Conditions, except as specifically identified herein. The following definitions from the General Terms and Conditions are legitimately related to this Appendix: SBC-13STATE, SBC-12STATE, SBC-SWBT, PACIFIC, NEVADA, SNET, SBC-AMERITECH.
- 1.3 SBC-13STATE agrees to provide SPRINT with access to UNEs (including the unbundled xDSL Capable Loop and HFPL offerings) in accordance with the rates, terms and conditions set forth in this xDSL Attachment and the general terms and conditions applicable to UNEs under this Agreement, for SPRINT to use in conjunction with its desired xDSL technologies and equipment to provide xDSL services to its end user customers.

2. DEFINITIONS

- 2.1 For purposes of this Appendix, a “loop” is defined as a transmission facility between a distribution frame (or its equivalent) in a central office and the loop demarcation point at an end user customer premises.
- 2.2 For purposes of this Appendix, a “subloop” is defined as any portion of the loop from SBC-13STATE’s F1/F2 interface to the demarcation point at the customer premise that can be accessed at a terminal in SBC-13STATE’s outside plant. An accessible terminal is a point on the loop where technicians can access the wire or fiber within the cable without removing a splice closure to reach the wire within. The Parties recognize that this is only one form of subloop (defined as the F1/F2 interface to the customer premise) as set forth in the FCC’s Third Report and Order and Fourth Further Notice of Proposed Rulemaking in CC Docket No. 96-96 (FCC 99-238), including the FCC’s Supplemental Order issued In the Matter of the Local Competition Provisions of the Telecommunications Act of 1996, in CC Docket No. 96-98 (FCC 99-370) (rel. November 24, 1999) (“the UNE Remand Order”). Additional subloop types may be negotiated and agreed to by the Parties consistent with the UNE Remand Order. Subloops discussed in this Appendix will be effective in accordance with the dates set out in the UNE Remand Order.

- 2.3 The term “Digital Subscriber Line” (“DSL”) describes various technologies and services. The “x” in “xDSL” is a place holder for the various types of DSL services, including, but not limited to ADSL (Asymmetric Digital Subscriber Line), HDSL (High-Speed Digital Subscriber Line), IDSL (ISDN Digital Subscriber Line), SDSL (Symmetrical Digital Subscriber Line), UDSL (Universal Digital Subscriber Line), VDSL (Very High-Speed Digital Subscriber Line), and RADSL (Rate-Adaptive Digital Subscriber Line).
- 2.4 “High Frequency Portion of the Loop” (“HFPL”) is defined as the frequency above the voice band on a copper loop facility that is being used to carry traditional POTS analog circuit-switched voice band transmissions. The FCC’s Third Report and Order in CC Docket No. 98-147, and Fourth Report and Order in CC Docket No. 96-98 (rel. December 9, 1999) (the “Line Sharing Order”), and Third Report and Order On Reconsideration in CC Docket on 98-147 and Fourth Report and Order on Reconsideration in CC Docket No.96-98 (rel. January 19, 2001)(“Line Sharing Remand Order”) references the voice band frequency of the spectrum as 300 to 3000 Hertz (and possibly up to 3400 Hertz) and provides that DSL technologies which operate at frequencies generally above 20,000 Hertz will not interfere with voice band transmission. **SBC-13STATE** shall only make the HFPL available to **SPRINT** in those instances where **SBC-13STATE** also is providing retail POTS (voice band circuit switched) service on the same local loop facility to the same end user.
- 2.5 A loop technology that is “presumed acceptable for deployment” is one that either complies with existing industry standards, has been successfully deployed by another carrier in any state without significantly degrading the performance of other services, or has been approved by the FCC, any state commission, or an industry standards body.
- 2.6 A “non-standard xDSL-based technology” is a loop technology that is not presumed acceptable for deployment under Section 2.5 of this Appendix.
- 2.7 “Continuity” shall be defined as a single, uninterrupted path along a circuit, from the Minimum Point of Entry (MPOE) or other demarcation point to the Point of Interface (POI) located on the horizontal side of the Main Distribution Frame (MDF).
- 2.8 “Proof of Continuity” shall be determined by performing a physical fault test from the MPOE or other demarcation point to the POI located on the horizontal side of the MDF by providing a short across the circuit on the tip and ring, and registering whether it can be received at the far end. This test will be known hereafter as “Proof of Continuity” or “Continuity Test.”
- 2.9 “xDSL Capable Loop” is a loop that a **SPRINT** may use to deploy xDSL technologies.

- 2.10 “Acceptance Testing” shall be defined as the joint testing for xDSL loops between **SBC-13STATE**’s Technician, its Local Operations Center (“LOC”), and the **SPRINT** designated test representative for the purpose of verifying Continuity as more specifically described in Section 8.
- 2.11 Plan of Record for Pre-Ordering and Ordering of xDSL and other Advanced Services (“Plan of Record” or “POR”) refers to **SBC-13STATE**’s December 7, 1999 filing with the FCC, including any subsequent modifications or additions to such filing.
- 2.12 The “Splitter” is a device that divides the data and voice signals concurrently moving across the loop, directing the voice traffic through copper tie cables to the switch and the data traffic through another pair of copper tie cables to multiplexing equipment for delivery to the packet-switched network. The Splitter may be directly integrated into the Digital Subscriber Line Access Multiplexer (DSLAM) equipment or may be externally mounted.
- 2.13 “Digital Subscriber Line Access Multiplexer” (“DSLAM”) is a piece of equipment that links end-user DSL connections to a single high-speed packet switch, typically ATM or IP.

3. GENERAL TERMS AND CONDITIONS RELATING TO UNBUNDLED xDSL-CAPABLE LOOPS

- 3.1 Unless otherwise noted, all references to “loop” in Sections 3.1 - 3.8 includes **SBC-13STATE**’s HFPL offering unless otherwise noted.
- 3.2 **SBC-13STATE** will provide a loop for **SPRINT** to deploy xDSL technologies presumed acceptable for deployment or non-standard xDSL technology as defined in this Appendix. **SBC-13STATE** will not impose limitations on the transmission speeds of xDSL services; provided, however, **SBC-13STATE** does not guarantee transmission speeds, available bandwidth nor imply any service level. Consistent with the Line Sharing Order, **SPRINT** may only deploy xDSL technologies on HFPL loops that do not cause significant degradation with analog voice band transmission.
- 3.3 Upon the request of **SPRINT**, **SBC-13STATE** will place a NID equipped with a half ringer device, if one is not present, and **SPRINT** will pay all costs associated with the placement except when **SBC-13STATE** is dispatched on a repair, maintenance, or installation visit to the premise by **SPRINT**. With regard to repair or maintenance, if the dispatch proves the trouble on the customer's side of the demarcation point, **SBC-13STATE** will charge **SPRINT** for the dispatch, but place the new NID equipped with a half ringer, if one is not present, at no charge. If the dispatch proves the trouble in **SBC-13STATE** network, **SBC-13STATE** will repair the line and place a NID equipped with a half ringer, if one is not present, at no charge to **SPRINT**.

- 3.4 **SBC-13STATE** shall not deny **SPRINT**'s request to deploy any loop technology that is presumed acceptable for deployment pursuant to state or federal rules unless **SBC-13STATE** has demonstrated to the state commissions in accordance with FCC orders that **SPRINT**'s deployment of the specific loop technology will significantly degrade the performance of other advanced services or traditional voice band services.
- 3.5 In the event **SPRINT** wishes to introduce a technology that has been approved by another state commission or the FCC, or successfully deployed elsewhere, **SPRINT** will provide documentation describing that action to **SBC-13STATE** and the state commission before or at the time of its request to deploy such technology within **SBC-13STATE**. The documentation should include the date of approval or deployment, any limitations included in its deployment, and a sworn attestation that the deployment did not significantly degrade the performance of other services.
- 3.6 In the event **SPRINT** wishes to introduce a technology that does not conform to existing industry standards and has not been approved by an industry standards body, the FCC, or a state commission, the burden is on **SPRINT** to demonstrate that its proposed deployment meets the threshold for a presumption of acceptability and will not, in fact, significantly degrade the performance of other advanced services or traditional voice band services.
- 3.7 Liability
- 3.7.1 Notwithstanding any other provision of this Appendix, each Party, whether **SPRINT** or **SBC-13STATE**, agrees that should it cause any non-standard xDSL technologies to be deployed or used in connection with or on **SBC-13STATE** facilities, the Party ("Indemnifying Party") will pay all costs associated with any damage, service interruption or other telecommunications service degradation, or damage to the other Party's ("Indemnitee") facilities. Notwithstanding any other provision of this Appendix, each Party ("Indemnifying Party") shall release, defend and indemnify the other Party ("Indemnitee") and hold Indemnitee harmless against any loss, or claim made by the Indemnifying Party's end-user, arising out of the negligence or willful misconduct of the Indemnitee, its agents, its end users, contractors, or others retained by such Party, in connection with Indemnitee's provision of splitter functionality under this Appendix.
- 3.7.2 For any technology, **SPRINT**'s use of any **SBC-13STATE** network element, or its own equipment or facilities in conjunction with any **SBC-13STATE** network element, will not materially interfere with or impair service over any facilities of **SBC-13STATE**, its affiliated companies or connecting and concurring carriers involved in **SBC-13STATE** services, cause damage to **SBC-13STATE**'s plant, impair the privacy of a communications carried over **SBC-13STATE**'s facilities or create hazards to employees or the public.

Upon reasonable written notice and after a reasonable opportunity to cure, SBC-13STATE may discontinue or refuse service if SPRINT violates this provision, provided that such termination of service will be limited to SPRINT's use of the element(s) causing the violation. Subject to Section 9.3 for HFPL, SBC-13STATE will not disconnect the elements causing the violation if, after receipt of written notice and opportunity to cure, SPRINT demonstrates that their use of the network element is not the cause of the network harm. If SBC-13STATE does not believe SPRINT has made the sufficient showing of harm, or if SPRINT contests the basis for the disconnection, either Party must first submit the matter to dispute resolution under the Dispute Resolution Procedures set forth in this Appendix. Any claims of network harm by SBC-13STATE must be supported with specific and verifiable supporting information.

3.8 Indemnification

- 3.8.1 Covered Claim: Notwithstanding any other provisions of this Appendix, each Party ("Indemnifying Party") will release, indemnify, defend and hold harmless the other Party ("Indemnatee") from and against any loss, liability, claim, or damage, including but not limited to direct, indirect or consequential damages, made against Indemnatee by any telecommunications service provider or telecommunications user (other than claims for damages or other losses made by an end-user of Indemnatee for which Indemnatee has sole responsibility and liability) caused, in whole or substantial part, by the use of non-standard xDSL technologies by the Indemnifying Party, or by the Indemnifying Party's provision of splitter functionality under this Appendix, or the Indemnifying Party's (i.e., CLEC's) retention of the loop used to provide the HFPL when the end user terminates voice service from Indemnatee (i.e., SBC-12STATE) and Indemnatee is requested by another telecommunications service provider to provide a voice grade service or facility to the end user.
- 3.8.2 Indemnifying Party is permitted to fully control the defense or settlement of any Covered Claim, including the selection of defense counsel. Notwithstanding the foregoing, the Indemnifying Party will consult with Indemnatee on the selection of defense counsel and consider any applicable conflicts of interest. Indemnifying Party is required to assume all costs of the defense and any loss, liability, claim or damage indemnified pursuant to Section 3.7.1 above and Indemnatee will bear no financial or legal responsibility whatsoever arising from such claims.
- 3.8.3 Indemnatee agrees to fully cooperate with the defense of any Covered Claim. Indemnatee will provide written notice to the Indemnifying Party of any Covered Claim at the address for notice set forth herein within ten days of receipt, and, in the case of receipt of service of process, will deliver such

process to the Indemnifying Party not later than 10 business days prior to the date for response to the process. Indemnatee will provide to Indemnifying Party reasonable access to or copies of any relevant physical and electronic documents or records related to the deployment of non-standard xDSL technologies in the area affected by the claim, or the Indemnifying Party's provision of splitter functionality under this Appendix, all other documents or records determined to be discoverable, and all other relevant documents or records that defense counsel may reasonably request in preparation and defense of the Covered Claim. Indemnatee will further cooperate with the Indemnifying Party's investigation and defense of the Covered Claim by responding to the reasonable requests to make its employees with knowledge relevant to the Covered Claim available as witnesses for preparation and participation in discovery and trial during regular weekday business hours. Indemnatee will promptly notify the Indemnifying Party of any settlement communications, offers or proposals received from claimants.

- 3.8.4 Indemnatee agrees that Indemnifying Party will have no indemnity obligation under 3.7.1 above, and Indemnatee will reimburse Indemnifying Party's defense costs, in any case in which Indemnifying Party's technology is determined not to be the cause of any of Indemnatee's liability and in any case in which the Indemnifying Party's provision of splitter functionality under this Appendix is determined not to be the cause of any of Indemnatee's liability.

- 3.9 Claims Not Covered: No Party hereunder agrees to indemnify or defend any other Party against claims based on the other Party's gross negligence or intentional misconduct.

4. UNBUNDLED xDSL-CAPABLE LOOP OFFERINGS

- 4.1 DSL-Capable Loops: For each of the loop types described in Sections 4.1.1 - 4.1.4 below, **SPRINT** will, at the time of ordering, notify **SBC-13STATE** as to the Power Spectral Density (PSD) mask of the technology **SPRINT** will deploy.
- 4.1.1 2-Wire xDSL Loop: A 2-wire xDSL loop for purposes of this section, is a copper loop over which a **SPRINT** may provision various DSL technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic connectivity and capacitive and resistive balance, and will not include load coils, mid-span repeaters or excessive bridged tap (bridged tap in excess of 2,500 feet in length). However removal of load coils, repeaters or excessive bridged tap on an existing loop is optional, subject to conditioning charges, and will be performed at **SPRINT**'s request. The rates set forth in Appendix Pricing shall apply to this 2-Wire xDSL Loop.

- 4.1.2 2-Wire Digital Loop (e.g., ISDN/IDSL): A 2-Wire Digital Loop for purposes of this Section is 160 Kbps and supports Basic Rate ISDN (BRI) digital exchange services. The terms and conditions for the 2-Wire Digital Loop are set forth in the Appendix UNE and the rates in the associated Appendix Pricing.
- 4.1.3 4-Wire xDSL Loop: A 4-Wire xDSL loop for purposes of this section, is a copper loop over which a **SPRINT** may provision DSL technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic connectivity and capacitive and resistive balance, and will not include load coils, mid-span repeaters or excessive bridged tap (bridged tap in excess of 2,500 feet in length). However removal of load coils, repeaters or excessive bridged tap on an existing loop is optional and will be performed at **SPRINT**'s request. The rates set forth in Appendix Pricing shall apply to this 4-Wire xDSL Loop.
- 4.1.4 Sub-Loop: In locations where **SBC-13STATE** has deployed: (1) Digital Loop Carrier systems and an uninterrupted copper loop is replaced with a fiber segment or shared copper in the distribution section of the loop; (2) Digital Added Main Line ("DAML") technology to derive multiple voice-grade POTS circuits from a single copper pair; or (3) entirely fiber optic facilities to the end user, **SBC-13STATE** will make the following options available to **SPRINT**:
- 4.1.4.1 Where spare copper facilities are available, and the facilities meet the necessary technical requirements for the provisioning of DSL, **SPRINT** has the option of requesting **SBC-13STATE** to make copper facilities available (subject to Section 4.6 below).
- 4.1.4.2 **SPRINT** has the option of collocating a DSLAM in **SBC-13STATE**'s Remote Terminal ("RT") at the fiber/copper interface point, pursuant to collocation terms and conditions. When **SPRINT** collocates its DSLAM at **SBC-13STATE** RTs, **SBC-13STATE** will provide **SPRINT** with unbundled access to subloops to allow **SPRINT** to access the copper wire portion of the loop.
- 4.1.4.3 Where **SPRINT** is unable to obtain spare copper loops necessary to provision a DSL service, and **SBC-13STATE** has placed a DSLAM in the RT, **SBC-13STATE** must unbundle and provide access to its packet switching. **SBC-13STATE** is relieved of this unbundling obligation only if it permits a requesting **SPRINT** to collocate its DSLAM in **SBC-13STATE**'s remote terminal, on the same terms and conditions that apply to its own DSLAM. The rates set forth in Appendix PRICING shall apply to this subloop.

- 4.1.5 When SBC-13STATE is the provider of the retail POTS analog voice service on the same loop to the same end-user, HFPL access will be offered on loops that meet the loop requirements as defined in Sections 4.1.1-4.1.4 above. SPRINT will provide SBC-13STATE with the type of technology it seeks to deploy, at the time of ordering, including the PSD of the technology SPRINT will deploy. If the technology does not have a PSD mask, SPRINT shall provide SBC-13STATE with a technical description of the technology (including power mask) for inventory purposes.
- 4.1.5.1 xDSL technologies may only reside in the higher frequency ranges, preserving a “buffer zone” to ensure the integrity of voice band traffic.
- 4.2 When SBC-13STATE traditional retail POTS services are disconnected, SBC-13STATE will notify SPRINT that POTS service is being disconnected. SPRINT will determine whether the broadband service will be converted from a Line Sharing Circuit, or HFPL, to a full stand alone UNE loop or disconnected. All appropriate recurring and nonrecurring charges for the rearrangement and/or disconnect shall apply pursuant to underlying Pricing Appendix. Upon request of either Party, the Parties shall meet to negotiate rates, terms and conditions for such notification and disconnection.
- 4.3 SBC-13STATE shall be under no obligation to provide multi-carrier or multi-service line sharing arrangements as referenced in FCC 99-35, paragraph 75.
- 4.4 HFPL is not available in conjunction with a combination of network elements known as the platform or UNE-P (including loop and switch port combinations) or unbundled local switching or any arrangement where SBC-13STATE is not the retail POTS provider
- 4.5 SPRINT may provide voice and data services over the same loop by engaging in “line splitting” as set forth in paragraph 323-29 of the FCC’s Texas 271 Order (CC Docket 00_65 (FCC 00-238), released June 30, 3, 2000.) Consistent with that Order, SWBT shall not be required to provide low frequency voice service to SPRINT “A” and high frequency data service to SPRINT “B” on the same loop. Any line splitting between two CLEC’s shall be accomplished between those parties and shall not utilize the HFPL product, as defined in this Appendix, or any SWBT splitters. SPRINT shall provide any splitters used for line splitting. To implement line splitting, SPRINT may order, including using supporting OSS, loops, unbundled switching, collocater-to-collocater connections and available cross-connects, under the terms and conditions set forth in this Agreement.
- 4.6 SBC-13STATE shall be under no obligation to provision xDSL capable loops in any instance where physical facilities do not exist. SBC-13STATE shall be under no

obligation to provide HFPL where SBC-13STATE is not the existing retail provider of the traditional, analog voice service (POTS). This shall not apply where physical facilities exist, but conditioning is required. In that event, SPRINT will be given the opportunity to evaluate the parameters of the xDSL or HFPL service to be provided, and determine whether and what type of conditioning should be performed. SPRINT shall pay SBC-13STATE for conditioning performed at SPRINT's request pursuant to Sections 7.1 and 7.2 below.

- 4.7 For each loop (including the HFPL), SPRINT shall at the time of ordering notify SBC-13STATE as to the PSD mask of the technology SPRINT intends to deploy on the loop. If and when a change in PSD mask is made, SPRINT will immediately notify SBC-13STATE. Likewise, SBC-13STATE will disclose to SPRINT upon request information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops. SBC-13STATE will use this formation for the sole purpose of maintaining an inventory of advanced services present in the cable sheath. If the technology does not fit within a national standard PSD mask (but still remains in the HFPL only), SPRINT shall provide SBC-13STATE with a technical description of the technology (including power mask) for inventory purposes. Additional information on the use of PSD masks can be found in Section 10 below.
- 4.8 In the event that SBC-13STATE rejects a request by SPRINT for provisioning of advanced services, SBC-13STATE will disclose to the requesting SPRINT information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops, including the specific reason for the denial, within 48 hours of the denial.
- 4.9 SBC-13STATE will not deny a requesting SPRINT's right to deploy new xDSL technologies that do not conform to the national standards and have not yet been approved by a standards body (or otherwise authorized by the FCC, any state commission or which have not been successfully deployed by any carrier without significantly degrading the performance of other services) if the requesting SPRINT can demonstrate to the Commission that the loop technology will not significantly degrade the performance of other advanced services or traditional voice band services.
- 4.9.1 Upon request by SPRINT, SBC-13STATE will cooperate in the testing and deployment of new xDSL technologies or may direct SPRINT, at SPRINT's expense, to a third party laboratory of SPRINT's choice for such evaluation.
- 4.9.2 If it is demonstrated that the new xDSL technology will not significantly degrade the other advanced services or traditional voice based services, SBC-13STATE will provide a loop to support the new technology for SPRINT as follows:

- 4.9.2.1 If the technology requires the use of a 2-Wire or a 4-Wire xDSL loop (as defined above), then **SBC-13STATE** will provide an xDSL loop at the same rates listed for a 2-Wire or 4-Wire xDSL loop and associated loop conditioning as needed; provided, however, conditioning on HFPL DSL circuits shall be provided consistent with the terms of Section 6.4.4 below.
- 4.9.2.2 In the event that a xDSL technology requires a loop type that differs from that of a 2-Wire or 4-Wire xDSL loop (as defined in this Attachment), the Parties make a good faith effort to arrive at an Agreement as to the rates, terms and conditions for an unbundled loop capable of supporting the proposed xDSL technology. If negotiations fail, any dispute between the Parties concerning the rates, terms and conditions for an unbundled loop capable of supporting the proposed xDSL technology shall be resolved pursuant to the dispute resolution process provided for in this Appendix.
- 4.10 With the exception of HFPL access, which is addressed in Section 9 below, if **SBC-13STATE** or another **SPRINT** claims that a service is significantly degrading the performance of other advanced services or traditional voice band services, then **SBC-13STATE** or that other **SPRINT** must notify the causing carrier and allow that carrier a reasonable opportunity to correct the problem. Any claims of network harm must be supported with specific and verifiable supporting information. In the event that **SBC-13STATE** or a **SPRINT** demonstrates to the Commission that a deployed technology is significantly degrading the performance of other advanced services or traditional voice band services, the carrier deploying the technology shall discontinue deployment of that technology and migrate its customers to technologies that will not significantly degrade the performance of such services.
- 4.11 Each Party must abide by Commission or FCC-approved spectrum management standards. **SBC-13STATE** will not impose its own standards for provisioning xDSL services. However, **SBC-13STATE** will publish non-binding Technical Publications to communicate current standards and their application as set forth in Paragraph 72 of FCC Order 99-48 (rel. March 31, 1999), FCC Docket 98-147.

5. HFPL: SPLITTER OWNERSHIP AND RESPONSIBILITIES

5.1 Splitter ownership:

- 5.1.1 Option 1: **SPRINT** will own and have sole responsibility to forecast, purchase, install, inventory, provision and maintain splitters. When physically collocating, splitters shall be installed in **SPRINT**'s collocation arrangement area (whether caged or cageless) consistent with **SBC-13STATE**'s standard collocation practices and procedure. When virtually collocated, **SBC-**

13STATE will install, provision and maintain splitters under the terms of virtual collocation.

5.1.1.1 When physically collocated and choosing Option 1 above, splitters will be placed in traditional collocation areas as outlined in the physical collocation terms and conditions in this Appendix or applicable Commission-ordered tariff. In this arrangement, the **SPRINT** will have test access to the line side of the splitter when the splitter is placed in an area commonly accessible by **SPRINT**s. It is recommended that **SPRINT** provision splitter cards that provide test port capabilities. When virtually collocated, **SBC-13STATE** will install the splitter in an **SBC-13STATE** bay and **SBC-13STATE** will access the splitter on behalf of the **SPRINT** for line continuity tests. Additional testing capabilities (including remote testing) may be negotiated by the Parties.

5.1.2 Option 2: Without waiving its right to decline to provide splitters under any other prices, terms, and conditions, SBC voluntarily agrees to own, purchase, install, inventory, provision, maintain and lease splitters in accordance with the terms set forth herein, provided however, SBC reserves the right to withdraw this voluntary offer upon a minimum of 6 months notification to **SPRINT**. SBC will determine where such SBC-owned splitters will be located in each central office. SBC- owned splitters will be placed in a common area accessible to **SPRINT**s if space is available. When placed in common areas accessible to **SPRINT**s, **SPRINT**s will have test access at the line side of the splitter. Upon **SPRINT**'s request, SBC will perform testing and repair at the SBC-owned splitter on behalf of **SPRINT**. In the event that no trouble is found at the time of testing by SBC, **SPRINT** shall pay SBC for such testing at the rates set forth in the interconnection agreement with the parties. **SPRINT** will not be permitted direct physical access to the MDF or the IDF, for testing. Upon the request of either Party, the Parties shall meet to negotiate terms for additional test access capabilities.

5.1.2.1 SBC will agree to lease such splitters a line at a time subject to the following terms and conditions:

5.1.2.1.1 Forecasts: **SPRINT** will provide SBC with a forecast of its demand for each central office prior to submitting its first LSR for that individual office and then every January and July thereafter (or as otherwise agreed to by both parties). **SPRINT**'s failure to submit a forecast for a given office may affect provisioning intervals. In the event **SPRINT** fails to submit a forecast in a central office which does not have available splitter ports, SBC

shall have an additional ten (10) business days to install **SPRINT**'s line sharing order after such time as the additional splitter equipment is installed in the SBC central office. For requests for SBC provided splitters in offices not provisioned in the initial deployment, all such requests, including forecasts, must be made in **SPRINT**s Collocation Application. Installation intervals will be consistent with the collocation intervals for the applicable state.

- 5.1.2.1.2 Forecasts will be non-binding on both ILECs and **SPRINT**. As such, **SBC-13STATE** will not face liability from failure to provision facilities if the cause is simply its reliance on non-binding forecasts.
 - 5.1.2.2 Splitter provisioning will use standard SBC configuration cabling and wiring in **SBC-13STATE** locations. Connecting Block layouts will reflect standard recognizable arrangements and will be wired out in contiguous 100 pair complements, and numbered 1-100. All arrangements must be consistent with **SBC-13STATE**'s Operational Support Systems ("OSS").
 - 5.1.2.3 Splitter technology will adhere to established industry standards for technical, test access, common size, configurations and shelf arrangements.
 - 5.1.2.4 All SBC-owned splitter equipment will be compliant with applicable national standards and NEBS Level 1.
 - 5.1.2.5 When an end-user disconnects SBC's POTS service, SBC will advise the end user to also notify their data CLEC. SBC will also notify **SPRINT** of the disconnect and will reconfigure the loop to remove the splitter in order to conserve the splitter ports for future line sharing orders. **SPRINT** shall pay a nonrecurring charge for any such reconfiguration. The loop reconfiguration will result in temporary downtime of the loop as the splitter is removed from the circuit. Upon request of either Party, the Parties shall meet to negotiate terms for such notification and disconnection.
 - 5.1.2.6 SBC retains the sole right to select SBC-owned splitter equipment and installation vendors.
- 5.2 Splitter provisioning will use standard SBC configuration cabling and wiring in **SBC-13STATE** locations. In situations where **SPRINT** owns the splitter, the splitter dataport and DSLAM will be hardwired to each other. Connecting Block

layouts will reflect standard recognizable arrangements that will work with **SBC-13STATE** Operations Support Systems (“OSS”).

- 5.3 Splitter technology will adhere to established industry standards for technical, test access, common size, configurations and shelf arrangements.
- 5.4 All splitter equipment must be compliant with applicable national standards and NEBS Level 1.
- 5.5 From time to time, **SBC-13STATE** may need to replace or repair SBC-owned splitters or splitter cards which necessitate a brief interruption of service. In the event that service interruption is anticipated by **SBC-13STATE** to last more than fifteen (15) minutes, SBC shall notify **SPRINT**.

6. OPERATIONAL SUPPORT SYSTEMS: LOOP MAKEUP INFORMATION AND ORDERING

- 6.1 **General:** **SBC-13STATE** will provide **SPRINT** with nondiscriminatory access by electronic or manual means, to its loop makeup information set forth in **SBC-13STATE**'s Plan of Record. In the interim, loop makeup data will be provided as set forth below. In accordance with the FCC's UNE Remand Order, **SPRINT** will be given nondiscriminatory access to the same loop makeup information that **SBC-13STATE** is providing any other **SPRINT** and/or **SBC-13STATE**'s retail operations or its advanced services affiliate.
- 6.2 **Loop Pre-Qualification:** Subject to 6.1 above, **SBC-13STATE**'s pre-qualification will provide a near real time response to **SPRINT** queries. Until replaced with OSS access as provided in 6.1, **SBC-13STATE** will provide mechanized access to a loop length indicator via Verigate and DataGate in regions where Verigate/DataGate are generally available for use with xDSL-based, HFPL, or other advanced services. The loop length is an indication of the approximate loop length, based on a 26-gauge equivalent and is calculated on the basis of Distribution Area distance from the central office. This is an optional service to **SPRINT** and is available at no charge.
- 6.3 **Loop Qualification:** Subject to 6.1 above, **SBC-13STATE** will develop and deploy enhancements to its existing DataGate and EDI interfaces that will allow **SPRINT**s, as well as **SBC-13STATE**'s retail operations or its advanced services affiliate, to have near real time electronic access as a preordering function to the loop makeup information. As more particularly described below, this loop makeup information will be categorized by three separate pricing elements: mechanized, manual, and detailed manual.
 - 6.3.1 Mechanized loop qualification includes data that is available electronically and provided via an electronic system. Electronic access to loop makeup data through the OSS enhancements described in 6.1 above will return information in all fields described in SBC's Plan of Record when such

information is contained in **SBC-13STATE**'s electronic databases. **SPRINT** will be billed a mechanized loop qualification charge for each xDSL capable loop order submitted at the rates set forth in Appendix Pricing.

6.3.2 Manual loop qualification requires the manual look-up of data that is not contained in an electronic database. Manual loop makeup data includes the following: (a) the actual loop length; (b) the length by gauge; (c) the presence of repeaters, load coils, bridged taps; and shall include, if noted on the individual loop record, (d) the total length of bridged taps; (e) the presence of pair gain devices, DLC, and/or DAML, and (f) the presence of disturbers in the same and/or adjacent binder groups. **SPRINT** will be billed a manual loop qualification charge for each manual loop qualification requested at the rates set forth in Appendix Pricing.

6.3.3 Detailed manual loop qualification includes all fields as described in SBC's Plan of Record, including the fields described in fields 6.3.2 above. **SPRINT** will be billed a detailed manual loop qualification charge for each detailed manual loop qualification requested at the rates set forth in Appendix Pricing.

6.4 All three categories of loop qualification are subject to the following:

6.4.1 If load coils, repeaters or excessive bridged tap are present on a loop less than 12,000 feet in length, conditioning to remove these elements will be performed without request and at no charge to **SPRINT**.

6.4.2 If **SPRINT** elects to have **SBC-13STATE** provide loop makeup through a manual process for information not available electronically, then the loop qualification interval will be 3-5 business days, or the interval provided to **SBC-13STATE**'s affiliate, whichever is less.

6.4.3 If the results of the loop qualification indicate that conditioning is available, **SPRINT** may request that **SBC-13STATE** perform conditioning at charges set forth in Appendix Pricing. **SPRINT** may order the loop without conditioning or with partial conditioning if desired.

6.4.4 For HFPL, if **SPRINT**'s requested conditioning will degrade the customer's analog voice service, **SBC-13STATE** is not required to condition the loop. However, should **SBC-13STATE** refuse **SPRINT**'s request to condition a loop, **SBC-13STATE** will make an affirmative showing to the relevant state commission that conditioning the specific loop in question will significantly degrade voice band services.

7. PROVISIONING

- 7.1 Provisioning: **SBC-13STATE** will not guarantee that the local loop(s) ordered will perform as desired by **SPRINT** for xDSL-based, HFPL, or other advanced services, but will guarantee basic metallic loop parameters, including continuity and pair balance. **SPRINT**-requested testing by **SBC-13STATE** beyond these parameters will be billed on a time and materials basis at the applicable tariffed rates. On loops where **SPRINT** has requested that no conditioning be performed, **SBC-13STATE**'s maintenance will be limited to verifying loop suitability based on POTS design. For loops having had partial or extensive conditioning performed at **SPRINT**'s request, **SBC-13STATE** will verify continuity, the completion of all requested conditioning, and will repair at no charge to **SPRINT** any gross defects which would be unacceptable based on current POTS design criteria and which do not result from the loop's modified design. For loops less than 12,000 feet, **SBC-13STATE** will remove load coils, repeaters, and excessive bridged tap at no charge to **SPRINT**.
- 7.2 Subject to Section 6.4.4 above, **SPRINT** shall designate, at **SPRINT**'s sole option, what loop conditioning **SBC-13STATE** is to perform in provisioning the xDSL loop(s), subloop(s), or HFPL on the loop order. Conditioning may be ordered on loop(s), subloop(s), or HFPL of any length at the Loop conditioning rates set forth in the Appendix Pricing. The loop, subloop, or HFPL will be provisioned to meet the basic metallic and electrical characteristics such as electrical conductivity and capacitive and resistive balance.
- 7.3 The provisioning intervals are applicable to every xDSL loop and HFPL regardless of the loop length. The Parties will meet to negotiate and agree upon subloop provisioning intervals.
- 7.4 The provisioning and installation interval for xDSL-capable loops and HFPL, where no conditioning is requested (including outside plant rearrangements that involve moving a working service to an alternate pair as the only possible solution to provide a DSL-capable loop or HFPL), on orders for 1-20 loops per order or per end-user location, will be 5 business days, or the provisioning and installation interval applicable to **SBC-13STATE**'s tariffed xDSL-based services, or its affiliate's, whichever is less.
- 7.5 The provisioning and installation intervals for xDSL-capable loops and HFPL where conditioning is requested or outside plant rearrangements are necessary, as defined above, on orders for 1-20 loops per order or per end-user customer location, will be ten (10) business days, or the provisioning and installation interval applicable to **SBC-13STATE**'s tariffed xDSL-based services or its affiliate's xDSL-based services where conditioning is required, whichever is less. For HFPL orders, intervals are contingent upon **SPRINT**'s end user customer release of the voice grade circuit during normal working hours. In the event the end user customer should require conditioning during non-working hours, the due date may be adjusted consistent with end user release of the voice grade circuit and out-of-hours charges may apply.

- 7.6 Orders to convert existing stand-alone DSL-capable UNE loops to line shared loops, regardless of quantity, will be handled as Special Projects. The interval for such conversions will be determined on a case-by-case basis and will be jointly agreed upon by the Parties.
- 7.7 Orders for more than 20 loops per order or per end user location, where no conditioning is requested will have a provisioning and installation interval of 15 business days, or as agreed upon by the Parties. For HFPL orders, intervals are contingent upon end user release during normal working hours. In the event **SPRINT**'s end user customers require conditioning during non-working hours, the due date may be adjusted consistent with end user release of circuit and out-of-hours charges may apply.
- 7.8 Orders for more than 20 loops per order which require conditioning will have a provisioning and installation interval agreed by the parties in each instance.
- 7.9 Subsequent to the initial order for a xDSL capable loop, subloop, or HFPL additional conditioning may be requested on such loop(s) at the rates set forth in the Appendix Pricing and the applicable service order charges will apply; provided, however, when requests to add or modify conditioning are received for a pending xDSL capable loop(s) order, no additional service order charges shall be assessed, but the due date may be adjusted if necessary to meet standard offered provisioning intervals. The provisioning interval for additional requests for conditioning pursuant to this subsection will be the same as set forth above. In addition, CLEC agrees that standard offered intervals do not constitute performance measurement commitments.
- 7.10 **SPRINT**, at its sole option, may request shielded cabling between network elements and frames within the central office for use with 2-wire xDSL loop or HFPL when used to provision ADSL over a DSL-capable loop or HFPL provided for herein at the rates set forth in the Appendix Pricing. Tight Twist cross-connect wire will be used on all identified DSL services on all central office frames.

8. TESTING

- 8.1 **SBC-13STATE** and **SPRINT** agree to implement Acceptance Testing during the provisioning cycle for xDSL loop delivery. When **SBC-13STATE** provides HFPL, continuity is generally assumed as **SBC-13STATE** retail POTS service is operating at the time of the order. Generally, **SBC-13STATE** would not dispatch to provision HFPL, thus would not have a technician at the customer site to perform an acceptance test. However, **SBC-13STATE** will perform the routine Line Sharing Turn-Up Testing prior to the completion of a HFPL order.
- 8.2 Should **SPRINT** desire Acceptance Testing, it shall request such testing on a per xDSL loop basis upon issuance of the Local Service Request (LSR). Acceptance Testing will be conducted at the time of installation of the service request.

- 8.3 If the LSR was placed without a request for Acceptance Testing, and **SPRINT** should determine that it is desired or needed during any subsequent phase of provisioning, the request may be added at any time; however, this may cause a new standard due date to be calculated for the service order.
- 8.4 Acceptance Testing Procedure:
- 8.4.1 Upon delivery of a loop to/for **SPRINT**, **SBC-13STATE**'s field technician will call the LOC and the LOC tester will call a toll free number provided by **SPRINT** to initiate performance of a series of Acceptance Tests.
- 8.4.1.1 For 2-wire digital loops that are not provisioned through repeaters or digital loop carriers, the **SBC-13STATE** field technician will provide a solid short across the tip and ring of the circuit and then open the loop circuit.
- 8.4.1.2 For 2-wire digital loops that are provisioned through repeaters or Digital Loop Carrier, the **SBC-13STATE** field technician will not perform a short or open circuit due to technical limitations.
- 8.4.2 If the loop passes the "Proof of Continuity" parameters, as defined by this Appendix for DSL loops, **SPRINT** will provide **SBC-13STATE** with a confirmation number and **SBC-13STATE** will complete the order. **SPRINT** will be billed for the Acceptance Test as specified below under Acceptance Testing Billing at the applicable rates as set forth in Appendix Pricing.
- 8.4.3 If the Acceptance Test fails loop Continuity Test parameters, as defined by this Appendix for DSL loops, the LOC technician will take any or all reasonable steps to immediately resolve the problem with **SPRINT** on the line including, but not limited to, calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the technician will release **SPRINT** representative, and perform the work necessary to correct the situation. Once the loop is correctly provisioned, **SBC-13STATE** will re-contact the **SPRINT** representative to repeat the Acceptance Test. When the aforementioned test parameters are met, **SPRINT** will provide **SBC-13STATE** with a confirmation number and **SBC-13STATE** will complete the order. If **SPRINT** xDSL service does not function as desired, yet test parameters are met, **SBC-13STATE** will still close the order. **SBC-13STATE** will not complete an order that fails Acceptance Testing.
- 8.4.4 Until such time as **SPRINT** and **SBC-13STATE** agree, or industry standards establish, that their test equipment can accurately and consistently send signals through repeaters or Digital Loop Carriers, **SPRINT** agrees to accept

2-wire digital loops, designed with such reach extenders, without testing the complete circuit. Consequently, **SBC-13STATE** agrees that should **SPRINT** open a trouble ticket and an **SBC-13STATE** network fault be found by standard testing procedures on such a loop within ten (10) business days (in which it is determined by standard testing to be an **SBC-13STATE** fault), **SBC-13STATE**, upon **SPRINT** request, will adjust **SPRINT**'s bill to refund the recurring charge of such a loop until the fault has been resolved and the trouble ticket is closed.

8.4.5 **SBC-13STATE** will be relieved of the obligation to perform Acceptance Testing on a particular loop and will assume acceptance of the loop by **SPRINT** when **SPRINT** cannot provide a "live" representative (through no answer or placement on hold) for over ten (10) minutes. **SBC-13STATE** may then close the order utilizing existing procedures, document the time and reason, and may bill **SPRINT** as if the Acceptance Test had been completed and the loop accepted, subject to Section 8.7 below.

8.4.6 If, however, a trouble ticket is opened on the loop within 24 hours and the trouble resulted from **SBC-13STATE** error as determined through standard testing procedures, **SPRINT** will be credited for the cost of the Acceptance Test. Additionally, **SPRINT** may request **SBC-13STATE** to re-perform the Acceptance Test at the conclusion of the repair phase again at no charge. This loop will not be counted as a successful completion for the purposes of the calculations discussed in Section 8.7 below.

8.4.7 Both Parties declare they will work together, in good faith, to implement Acceptance Testing procedures that are efficient and effective. If the Parties mutually agree to additional testing, procedures and/or standards not covered by this Appendix or any Public Utilities Commission or FCC ordered tariff, the Parties will negotiate terms and conditions to implement such additional testing, procedures and/or standards. Additional charges may apply if any accepted changes in Acceptance Testing procedures require additional time and/or expense.

8.5 Acceptance Testing Billing

8.5.1 **SPRINT** will be billed for Acceptance Testing upon the effective date of this Appendix for loops that are installed correctly by the committed interval without the benefit of corrective action due to acceptance testing.

8.6 Cooperative Testing: **SBC-13STATE** (SBC-AMERITECH/SBC-SNET/SBC-PACIFIC/SBC-NEVADA)

8.6.1 The **SBC-13STATE** field technician will call the LOC and the LOC will contact **SPRINT** for test and resolution of the trouble ticket and to verify basic metallic loop parameters including proof of continuity and pair balance.

8.6.2 If the loop passes the “Proof of Continuity” parameters, as defined by this Appendix for DSL capable loops, the technician will close out the trouble report and the LOC will bill for the cooperative testing.

8.6.2.1 If the Cooperative testing fails “Proof of Continuity” parameters, as defined by this Appendix for DSL capable loops, the LOC technician will take any reasonable steps to immediately resolve the problem with **SPRINT** on the line including, but not limited to, calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the technician will release **SPRINT** representative, and perform the work reasonably necessary to bring the loop to standard continuity parameters as defined by this Appendix for xDSL capable loops. When the aforementioned test parameters are met, the LOC will contact **SPRINT** for another cooperative testing.

8.6.2.2 **SBC-13STATE** will be relieved of the obligation to perform Cooperative Testing on a particular loop and will assume acceptance of the test by **SPRINT** when **SPRINT** cannot provide a “live” representative (through no answer or placement on hold) for **over ten (10) 30 (thirty)** minutes. **SBC-13STATE** may then close the trouble ticket, document the time and reason, and may bill **SPRINT** as if the Cooperative Test had been completed. The **SBC-13STATE** field technician will call the LOC and the LOC will contact **SPRINT** for test and resolution of the trouble ticket and to verify basic metallic loop parameters including proof of continuity and pair balance.

8.6.3 **SBC-13STATE** will be relieved of the obligation to perform Cooperative Testing on a particular loop and will assume acceptance of the test by **SPRINT** when **SPRINT** cannot provide a “live” representative (through no answer or placement on hold) for over **ten (10) thirty (30)** minutes. **SBC-AMERITECH/SBC-PACIFIC/SBC-SNET/SBC-NEVADA** may then close the trouble ticket, document the time and reason, and may bill **SPRINT** as if the Cooperative Test had been completed.

8.7 The charges for Acceptance and Cooperative Testing shall be as follows:

REGION	TARIFF	USOC	FIRST HALF HR./FRACTION**	ADDITIONAL **
Ameritech	FCC No. 2; Sec. 13.3.4 (C)(1)(a)	UBCX+	\$40.92	\$22.60
Nevada Bell*	FCC No. 1; Sec. 13.3.5 (B)(1)	UBC++	\$40.21/\$32.72	N/A
Pacific Bell	FCC No. 128; Sec. 13.3.5 (C)(1)(a)	UBC++	\$44.00	\$23.00
<u>SNET</u>	<u>FCC No. 39; Sec. 8.3.1.B</u>	UBC+	<u>\$57.36</u>	<u>\$26.37</u>
Southwestern Bell	FCC No. 73; Sec. 13.4.8 (A)	UBCX+	\$33.51	\$21.32

* Nevada Bell Charges represent I/R Technicians and Central Office Maintenance respectively.

**Rates subject to tariff changes.

If requested by **SPRINT**, Overtime or Premium time charges will apply for Acceptance Testing requests in off-hours at overtime time charges calculated at one and one half times the standard price and premium time being calculated at two times the standard price.

8.8 Line Sharing Turn-Up Testing Procedures:

8.8.1 The Line Sharing Turn-Up Test will be performed only on HFPL orders. Line Sharing Turn-Up Test is comprised of several work steps to be completed by **SBC-12STATE**'s central office technician to ensure that no loads are present on the loop, cross-connects are verified, and the correct telephone number is verified on the cable pair leaving the central office.

8.8.2 Line Sharing Turn-Up Test will be completed by close of business one (1) day prior to due date.

8.8.3 Detailed procedures of this Line Sharing Turn-Up Test can be located in SBC's CLEC Handbook. **SPRINT** will not be billed for the Line Sharing Turn-Up Test described in 8.7 above.

9. MAINTENANCE /SERVICE ASSURANCE

9.1 If requested by either Party, the parties will negotiate in good faith to arrive at terms and conditions for Acceptance Testing on repairs.

9.2 Narrowband/voice service: If the narrowband, or voice, portion of the loop becomes significantly degraded due to the broadband or high frequency portion of the loop, certain procedures as detailed below will be followed to restore the narrowband, or voice service. Should only the narrowband or voice service be reported as significantly degraded or out of service, **SBC-13STATE** shall repair the narrowband portion of the loop without disturbing the broadband portion of the loop if possible. In any case, **SBC-13STATE** shall attempt to notify the end user and **SPRINT** for

permission any time **SBC-13STATE** repair effort has the potential of affecting service on the broadband portion of the loop. **SBC-13STATE** may proceed with repair of the voice circuit if unable to reach end- user after a reasonable attempt has been made to do so. When connected facility assignment or additional point of termination (CFA/APOT) change is required due to trouble, the pair change will be completed during the standard offered repair interval. Rather such commitments are contained in Appendix Performance Measurements.

- 9.3 **SBC-13STATE** will provide resolution of **SPRINT**-referred trouble tickets for the HFPL in parity with repair intervals **SBC-13STATE** provides its advanced services affiliates for the HFPL.

9.3.1 If **SPRINT** opens a trouble ticket for the HFPL portion of the loop to **SBC-13STATE** and the problem is determined to be in **SPRINT**'s network, **SPRINT** will pay **SBC-13STATE** the applicable commissioned-ordered tariffed rate for trouble isolation, maintenance, and repair (as specified in Section 8.7 above) upon closing the trouble ticket.

9.3.2 SBC-owned line splitters:

9.3.2.1 **SBC-13STATE** will offer a 24-hour clearing time, excluding weekends and holidays, or parity with the repair intervals **SBC-13STATE** provides its advanced services affiliates, whichever is less, for trouble reports on the HFPL only referred by **SPRINT** where the voice service has not been impacted after such trouble has been isolated to the **SBC-13STATE** central office.

9.3.3 **SPRINT**-owned line splitters:

9.3.3.1 If **SBC-13STATE** isolates a trouble (causing significant degradation or out of service condition to the POTS service) caused by **SPRINT** data equipment or splitter, **SBC-13STATE** will notify **SPRINT** and request a trouble ticket and a committed restoration time from **SPRINT** for clearing the reported trouble.

9.3.4 Either Party may offer the End User the option of restoring the POTS line if the End User is not satisfied with the repair interval provided by **SPRINT**. If the End User chooses to have the POTS line restored before the HFPL problem can be corrected and notifies either **SPRINT** or **SBC-13STATE**, the contacted Party will notify the other and provide contact names prior to **SBC-13STATE** "cutting around" the POTS Splitter/DSLAM equipment to restore POTS.

9.3.5 When **SPRINT** resolves the trouble condition in its equipment, **SPRINT** will contact **SBC-13STATE** to restore the HFPL.

- 9.3.6 In the event the trouble is identified and corrected in SPRINT equipment, SBC-13STATE will charge SPRINT the applicable commissioned-ordered tariffed rate for trouble isolation, maintenance, and repair (as specified in Section 8.5 above) upon closing the trouble ticket.
- 9.4 Maintenance, other than assuring loop continuity and balance on unconditioned or partially conditioned loops greater than 12,000 feet, will only be provided on a time and material basis. On loops where SPRINT has requested recommended conditioning not be performed, SBC-13STATE's maintenance will be limited to verifying loop suitability for POTS. For loops having had partial or extensive conditioning performed at SPRINT's request, SBC-13STATE will verify continuity, the completion of all requested conditioning, and will repair at no charge to SPRINT any gross defects which would be unacceptable for POTS and which do not result from the loop's modified design. For loops under 12,000 feet, SBC-13STATE will remove load coils, repeaters and excessive bridge tap at no charge.
- 9.5 SBC-13STATE will provide SPRINT access to its legacy Mechanized Loop Testing (MLT) system and its inherent testing functions. Prior to a SPRINT utilizing MLT intrusive test scripts, SPRINT must have established data service on that loop and have specifically informed the customer that service testing will interrupt both the data and voice telephone services served by that line. SPRINT may not perform intrusive testing without having first obtained the express permission of the end user customer and the name of the person providing such permission. SPRINT shall make a note on the applicable screen space of the name of the end user customer providing permission for such testing before initializing any intrusive test or so note such information on SPRINT's trouble documentation for non-mechanized tests.
- 9.6 SPRINT hereby agrees to assume any and all liability for any such intrusive testing it performs, including the payment of all costs associated with any damage, service interruption, or other telecommunications service degradation or damage to SBC-13STATE facilities and hereby agrees to release, defend and indemnify SBC-13STATE, and hold SBC-13STATE harmless, from any claims for loss or damages, including but not limited to direct, indirect or consequential damages, made against SBC-13STATE by an end user customer, any telecommunications service provider or telecommunications user relating to such testing by SPRINT.
- 9.7 SBC-13STATE will not guarantee that the local loop (s) ordered will perform as desired by SPRINT for xDSL-based or other advanced services, but will guarantee basic metallic loop parameters, including continuity and pair balance. SPRINT-requested testing by SBC-13STATE beyond these parameters will be billed on time and material basis as set forth in the tariff rates listed above.
- 9.8 SPRINT shall not rearrange or modify the retail-POTS within its equipment in any way without first coordinating with SBC-13STATE.

10. SPECTRUM MANAGEMENT

- 10.1 **SPRINT** will advise **SBC-13STATE** of the PSD mask approved or proposed by T1.E1 that reflect the service performance parameters of the technology to be used. **SPRINT**, at its option, may provide any service compliant with that PSD mask so long as it stays within the allowed service performance parameters. At the time of ordering a xDSL-capable loop, **SPRINT** will notify **SBC-13STATE** as to the type of PSD mask **SPRINT** intends to use on the ordering form, and if and when a change in PSD mask is made, **SPRINT** will notify **SBC-13STATE**. **SPRINT** will abide by standards pertinent for the designated PSD mask type.
- 10.2 **SBC-13STATE** agrees that as a part of spectrum management, it will maintain an inventory of the existing services provisioned on the cable. **SBC-13STATE** may not segregate xDSL technologies into designated binder groups without Commission review and approval, or approved industry standard. **SBC-13STATE** shall not deny **SPRINT** a loop based upon spectrum management issues, subject to 10.3 below. In all cases, **SBC-13STATE** will manage the spectrum in a competitively neutral manner consistent with all relevant industry standards regardless of whether the service is provided by a **SPRINT** or by **SBC-13STATE**, as well as competitively neutral as between different xDSL services. Where disputes arise, **SBC-13STATE** and **SPRINT** will put forth a good faith effort to resolve such disputes in a timely manner. As a part of the dispute resolution process, **SBC-13STATE** will, upon request from **SPRINT**, disclose within 3-5 business days information with respect to the number of loops using advanced services technology within the binder group and the type of technology deployed on those loops so that the involved parties may examine the deployment of services within the affected loop plant.
- 10.3 In the event that the FCC or the industry establishes long-term standards and practices and policies relating to spectrum compatibility and spectrum management that differ from those established in this Appendix, **SBC-13STATE** and **SPRINT** agree to comply with the FCC and/or industry standards, practices and policies and will establish a mutually agreeable transition plan and timeframe for achieving and implementing such industry standards, practices and policies.
- 10.4 Within thirty (30) days after general availability of equipment conforming to applicable industry standards or the mutually agreed upon standards developed by the industry in conjunction with the Commission or FCC, then **SBC-13STATE** and/or **SPRINT** must begin the process of bringing its deployed xDSL technologies and equipment into compliance with such standards at its own expense.

11. RESERVATION OF RIGHTS

- 11.1 The Parties acknowledge and agree that the provision of these DSL-Capable Loops and the HFPL and associated rates, terms and conditions set forth above are subject

to any legal or equitable rights of review and remedies (including agency reconsideration and court review). If any reconsideration, agency order, appeal, court order or opinion, stay, injunction or other action by any state or federal regulatory body or court of competent jurisdiction stays, modifies, or otherwise affects any of the rates, terms and conditions herein, specifically including those arising with respect to Federal Communications Commission orders (whether from the Memorandum Opinion and Order, and Notice of Proposed Rulemaking, FCC 98-188 (rel. August 7, 1998), in CC Docket No. 98-147, the FCC's First Report and Order and Further Notice of Proposed Rulemaking, FCC 99-48 (rel. March 31, 1999), in CC Docket 98-147, the FCC's Third Report and Order and Fourth Further Notice of Proposed Rulemaking in CC Docket No. 96-96 (FCC 99-238), including the FCC's Supplemental Order issued *In the Matter of the Local Competition Provisions of the Telecommunications Act of 1996*, in CC Docket 96-98 (FCC 99-370) (rel. November 24, 1999) ("the UNE Remand Order"), or the FCC's 99-355 Third Report and Order in CC Docket No. 98-147 and Fourth Report and Order in CC Docket No. 96-98 (rel. December 9, 1999), or any other proceeding, the Parties shall negotiate in good faith to arrive at an agreement on conforming modifications to this Appendix. In the event that the FCC, a state regulatory agency or a court of competent jurisdiction, in any proceeding, based upon any action by any telecommunications carrier, finds, rules and/or otherwise orders ("order") that any of the UNEs and/or UNE combinations provided for under this Agreement do not meet the necessary and impair standards set forth in Section 251(d)(2) of the Act, the affected provision will be invalidated, modified or stayed as required to immediately effectuate the subject order upon written request of either Party. In such event, the Parties shall expend diligent efforts to arrive at an agreement on the modifications required to the Agreement to immediately effectuate such order. If negotiations fail, disputes between the Parties concerning the interpretation of the actions required or the provisions affected shall be handled under the Dispute Resolution procedures set forth in this Agreement.

12. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

- 12.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are legitimately related to such interconnection, service or network element as provided in Section 2.9 of the General Terms and Conditions.